

第 30 回 札幌国際がんシンポジウム

テーマ

“メンブレントラフィックとがん”

日時

2010 年 6 月 28 日～29 日

会場

北海道大学 学術交流館（札幌市北区）

代表世話人

吉森 保（大阪大学微生物病研究所）

The 30th Sapporo International Cancer Symposium

Theme:

“Membrane Traffic and Cancer”

Date:

Jun 28–29, 2010

Venue:

The Hokkaido University Conference Hall, Sapporo, Japan

Organizer (*Chairperson):

Tamotsu Yoshimori* (Osaka University)

Keith E. Mostov (University of California, San Francisco)

Hiroshi Ohno (RIKEN Yokohama Institutes)

Masato Okada (Osaka University)

Suzanne R. Pfeffer (Stanford University)

Hisataka Sabe (Hokkaido University)

Takuya Sasaki (The University of Tokushima)

Program

Opening Remarks

Tamotsu Yoshimori (Osaka University, Japan)

Hiroshi Kobayashi (Sapporo Cancer Seminar Foundation, Japan)

Session 1

Control of Golgi function by Rab GTPases and Golgin proteins

Suzanne R. Pfeffer (Stanford University, USA)

KRas trafficking from plasma membrane to lysosomes

Oriol Bachs (University of Barcelona, Spain)

Role of Rab small G proteins in cellular morphogenesis

Takuya Sasaki (University of Tokushima, Japan)

Tumor cell invasion: molecular mechanisms involved in the generation of invadopodia

Phillipe Chavrier (Institut Curie, Research Center, France)

Abnormal proliferation of intestinal epithelial cells in mice deficient in AP-1B, the clathrin adapter complex involved in basolateral sorting

Hiroshi Ohno (RIKEN Yokohama Institutes, Japan)

Session 2

Wnt5a Signaling and Cancer

Akira Kikuchi (Osaka University, Japan)

Molecular mechanisms of COPI transport

Victor W. Hsu (Harvard Medical School, USA)

Regulation of tumor growth by the novel late endosomal adaptor p18

Masato Okada (Osaka University, Japan)

Sorting of the Alzheimer's Disease Amyloid Precursor Protein Mediated by the AP-4 Complex

Juan Bonifacino (NICHD National Institutes of Health, USA)

Session 3

Regulatory Mechanisms and Membrane Biogenesis in Autophagy

Tamotsu Yoshimori (Osaka University, Japan)

Mechanism of unconventional protein secretion

Vivek Malhotra (CRG, Centre for Genomic Regulation, Spain)

Regulation of autophagy under normal nutritional conditions in mammalian cells

Junying Yuan (Harvard Medical School, USA)

The regulation of stress-response system by autophagy-specific substrate, p62, and its pathophysiological role in hepatocellular carcinoma

Masaaki Komatsu (Tokyo Metropolitan Institute of Medical Science, Japan)

Rubicon autophagic protein is a positive regulator of the reactive oxygen species-generating NADPH oxidase

Jae U. Jung (University of Southern California, USA)

Session 4

Formation of multicellular epithelial structures

Keith E. Mostov (University of California, USA)

The Arf6-AMAP1 pathway contributes to cancerous EMT

Hisataka Sabe (Hokkaido University, Japan)

Integrin trafficking and cancer invasion

Jim C. Norman (Beatson Institute for Cancer Research, UK)

Intrinsic tumor suppression by endocytic regulation of JNK signaling

Tatsushi Igaki (Kobe University, Japan)

RalGAPs negative regulator of Ral GTPase controlling membrane traffic and cancer

Hisanori Horiuchi (Tohoku University, Japan)

Leucine-rich repeat kinase LRRK1 regulates endosomal trafficking of the EGF receptor

Hiroshi Hanafusa (Nagoya University, Japan)